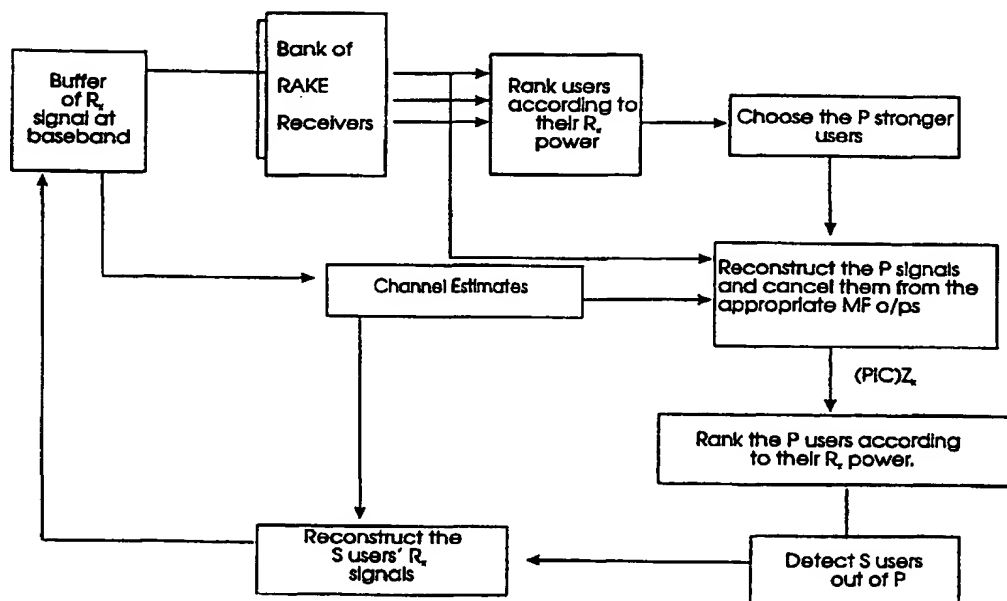




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(54) Title: ADAPTIVE HYBRID INTERFERENCE CANCELLATION FOR MULTI RATE USERS



## (57) Abstract

A method for reducing interference which can be applied to a multi-rate (multi-service) wideband code division multiple access (W-CDMA) which is used in personal mobile communications in which there are users with a high bit rate and users with a lower bit rate and in which the HIC configuration for the high bit rate users is different from the HIC configuration of the low bit rate users and in which method first the higher bit rate users have their interference reduced by hybrid interference cancellation (HIC) and then the interference between the other lower bit rate users reduced by HIC.

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